

Quality Irrigation Products



ISO 9001:2015
Certified
Quality Management



UMC is a ISO 9001:2015
Certified Company



IRRIGATION
POWERTRAIN

www.umcproducts.com

2920 Airway Ave, Costa Mesa, Ca. 92626
phone: 714.437.9600 fax: 714.437.9700

Final Drive Gearbox



755-U-AD™ Gearbox

The most advanced gearbox of its class

The patented UMC® 755-U-AD™ gearbox is designed for use on center pivots and lateral / linear irrigation systems. It is our most technologically advanced standard size gearbox with a 50:1 gear ratio and it is a direct replacement for the 740-U-AD™.

Part Number	Gear Ratio
10150-105AD	50:1

Features and Benefits

The patented UMC® 755-U-AD™ gearbox features enhanced gear material that allows for increased load capacity, reduced gear wear and lower operating temperatures as well as an internal diaphragm that reduces internal pressure, enhances seal life and further reduces oil leaks.

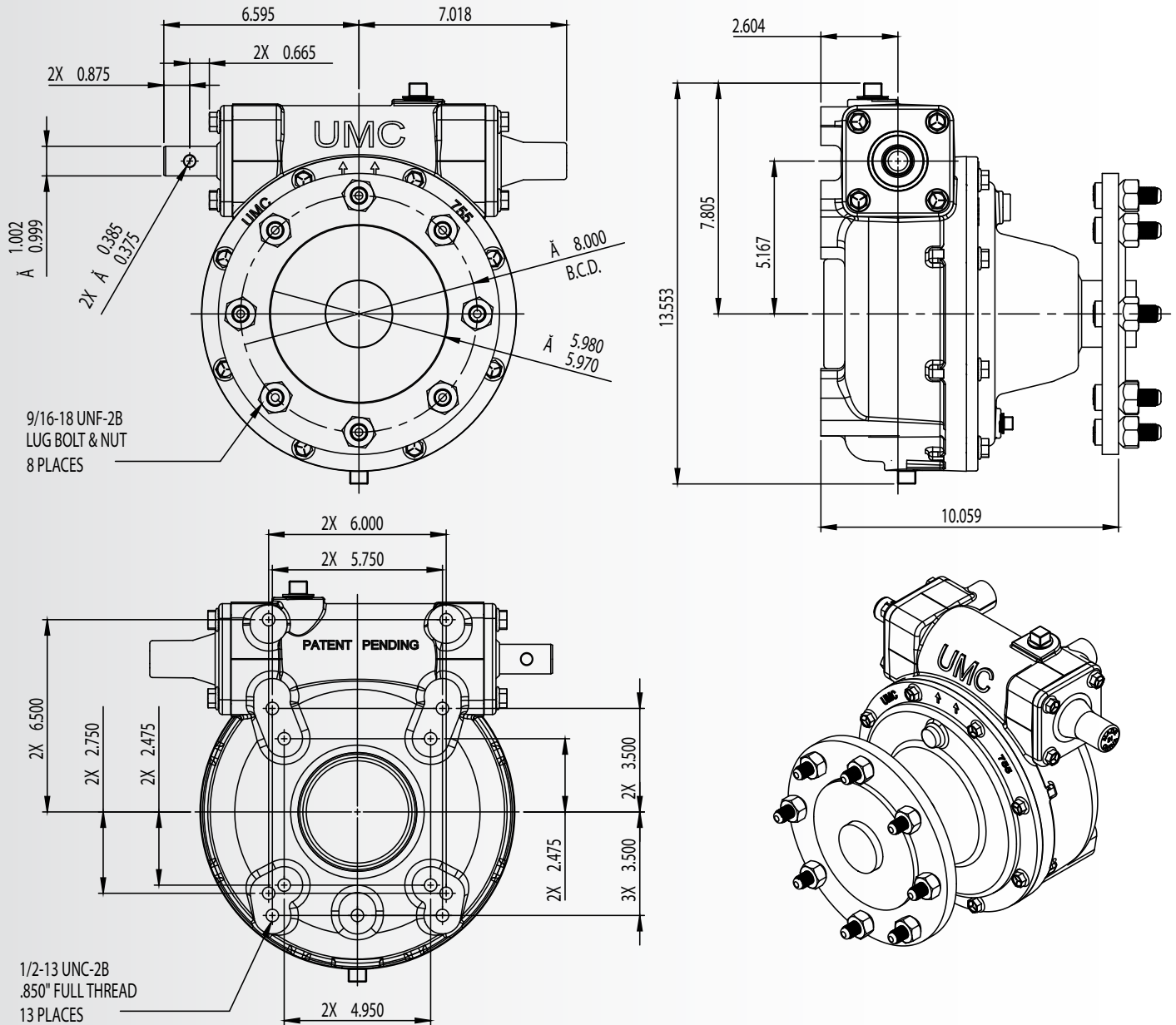
- ▶ 2.25" diameter steel output shaft
- ▶ 50:1 gear ratio
- ▶ Cartridge input and output seals
- ▶ Patented Vented Internal Diaphragm with large expansion cavity for near zero psi pressure accumulation which increases seal life and reduces oil leaks
- ▶ Full cycle external expansion chamber with stainless steel cover
- ▶ Enhanced gear material that increases load capacity, reduces gear wear and lowers operating temperatures, extending gear life
- ▶ Large input bearings
- ▶ 13-Bolt mounting pattern
- ▶ External seal protectors for input and output seals
- ▶ Dual ended input shaft with hub cap for the unused end
- ▶ Large 3/4" oil fill and drain plugs for easier maintenance
- ▶ Filled with extreme pressure gear oil
- ▶ Extra long carriage bolts
- ▶ Allow use with reinforced rims
- ▶ Positive wheel register

sales@umcproducts.com

Universal Motion Components®

Dimensional Drawing

755-U-AD™ Final Drive Gearbox



UNIVERSAL MOTION COMPONENTS



www.umcproducts.com

sales@umcproducts.com

Universal Motion Components, Co. Inc.

2920 Airway Ave, Costa Mesa, Ca. 92626

Phone - 714-437-9600 Fax - 714-437-9700

Web - <http://www.umcproducts.com>

E-mail - sales@umcproducts.com

© 2023, Universal Motion Components Co., Inc., All Rights Reserved

October 19, 2023 1:35 PM